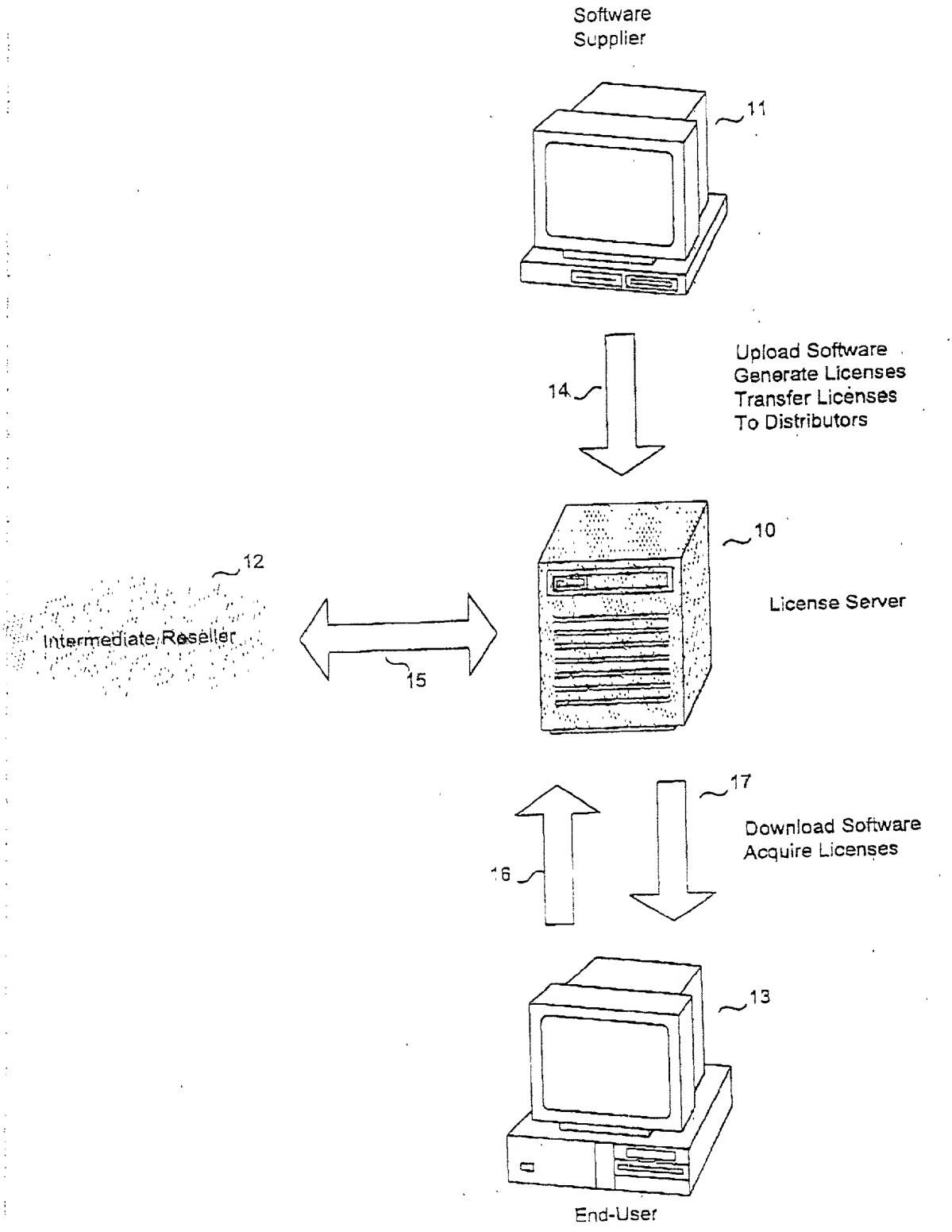
Software
Supplier
11
14
Upload Software
Generate Licenses
Transfer Licenses
To Distributors
10
License Server
12
Intermediate Reseller
15
17
Download Software
Acquire Licenses
16
13
End-User

Figure 1

Figure 2a/1

Policy for educational licenses (license type "Educ")

	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Y	N	N	N	N	N	N	N
Transfer to Dis	Y	Y	N	N	N	N	N	N
Transfer to Dea	N	N	N	N	N	N	N	N
Transfer to Dea-E	N	Y	N	Y	N	N	N	N
Transfer to Com	N	N	N	N	N	N	N	N
Transfer to Gov	N	N	N	N	N	N	N	N
Transfer to Edu	N	N	N	Y	N	N	Y	N
Transfer to Anon	N	N	N	N	N	N	N	N
Use	N	N	N	N	N	N	Y	N

Policy for evaluation licenses (license type "Eval")

	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Y	N	N	N	N	N	N	N
Transfer to Dis	Y	Y	N	N	N	N	N	N
Transfer to Dea	N	Y	Y	Y	N	N	N	N
Transfer to Dea-E	N	Y	Y	Y	N	N	N	N
Transfer to Com	N	N	Y	Y	Y	Y	Y	Y
Transfer to Gov	N	N	Y	Y	Y	Y	Y	Y
Transfer to Edu	N	N	Y	Y	Y	Y	Y	Y
Transfer to Anon	N	N	Y	Y	Y	Y	Y	Y
Use	N	N	N	N	Y	Y	Y	Y

Policy for commercial licenses (license type "Comm")

	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Y	N	N	N	N	N	N	N
Transfer to Dis	Y	Y	N	N	N	N	N	N
Transfer to Dea	N	Y	Y	N	N	N	N	N
Transfer to Dea-E	N	N	N	N	N	N	N	N
Transfer to Com	N	N	Y	N	Y	Y	Y	N
Transfer to Gov	N	N	Y	N	Y	Y	Y	N
Transfer to Edu	N	N	Y	N	Y	Y	Y	N
Transfer to Anon	N	N	N	N	N	N	N	N
Use	N	N	N	N	Y	Y	Y	N

Figure 2a/2

Policy for dealer licenses (license type "Deal")

	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Y	N	N	N	N	N	N	N
Transfer to Dis	Y	Y	N	N	N	N	N	N
Transfer to Dea	N	Y	Y	Y	N	N	N	N
Transfer to Dea-E	N	Y	Y	Y	N	N	N	N
Transfer to Com	N	N	N	N	N	N	N	N
Transfer to Gov	N	N	N	N	N	N	N	N
Transfer to Edu	N	N	N	N	N	N	N	N
Transfer to Anon	N	N	N	N	N	N	N	N
Use	N	N	Y	Y	N	N	N	N

Fig. 2b

Characteristics of available license classes for a selected product suite consisting of a word processor, a spreadsheet and a database application.

Class	Type	Product(s)	# Simult. Users	# Usages	Validity Period
EDU-1	Educ	Word Processor 1.0 Spreadsheet 1.0 Database 1.0	50	unlimited	5a
EDU-2	Educ	Word Processor 1.0 Spreadsheet 1.0 Database 1.0	1	unlimited	unlimited
EVA-1	Eval	Word Processor 1.0 Spreadsheet 1.0 Database 1.0	1	50	30d
COM-1	Comm	Word Processor 1.0 Spreadsheet 1. 0 Database 1.0	10	unlimited	5a
COM-2	Comm	Word Processor 1.0 Spreadsheet 1.0 Database 1.0	50	unlimited	5a
COM-3	Comm	Word Processor 1.0 Spreadsheet 1.0 Database 1.0	unlimited	unlimited	5a
DEA-1	Deal	Word Processor 1.0 Spreadsheet 1.0 Database 1.0	1	unlimited	1a

Fig. 2c

Licensee	19650630
License Identification	19950508

[The following lines were copied from the license class "EDU-1" on creation.]:

Licensed software	Word Processor 1.0
	Spreadsheet 1.0
	Database 1.0
Maximal number of concurrent users	50
Maximal number of program invocations	unlimited
Valid through	March 2006

[The following lines were copied from the license policy corresponding to the license type "Educ".]

License policy	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Y	N	N	N	N	N	N	N
Transfer to Dis	Y	Y	N	N	N	N	N	N
Transfer to Dea	N	N	N	N	N	N	N	N
Transfer to Dea-E	N	Y	N	Y	N	N	N	N
Transfer to Com	N	N	N	N	N	N	N	N
Transfer to Gov	N	N	N	N	N	N	N	N
Transfer to Edu	N	N	N	Y	N	N	Y	N
Transfer to Anon	N	N	N	N	N	N	N	N
Use	N	N	N	N	N	N	Y	N

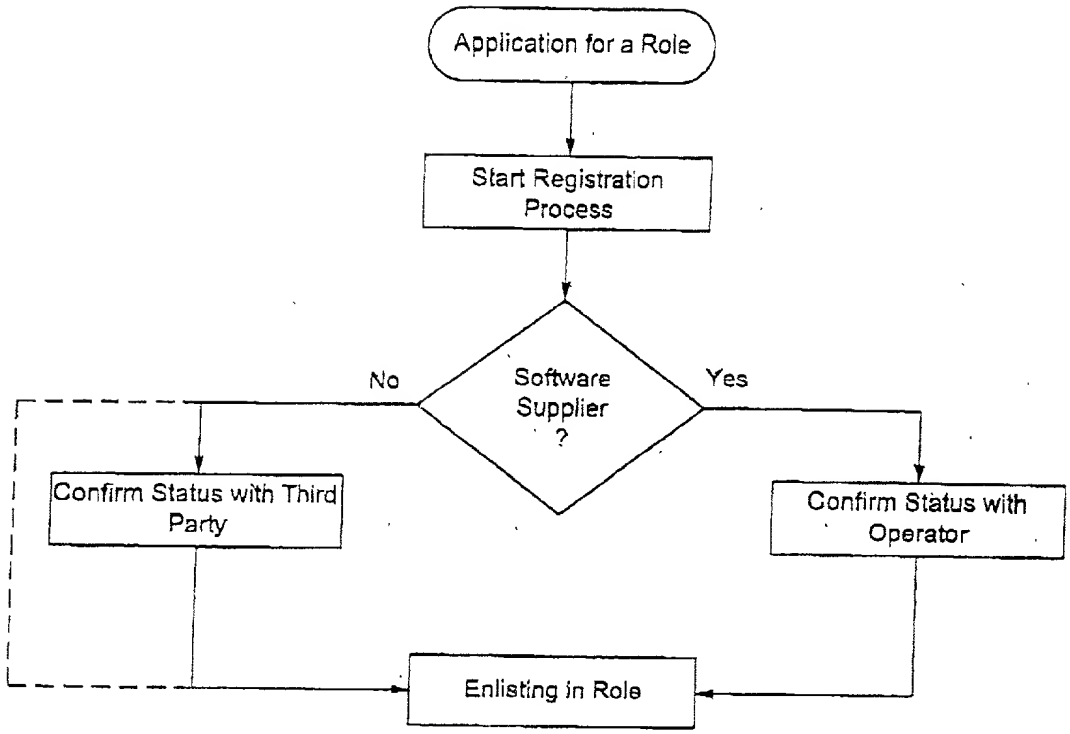

Figure 2d

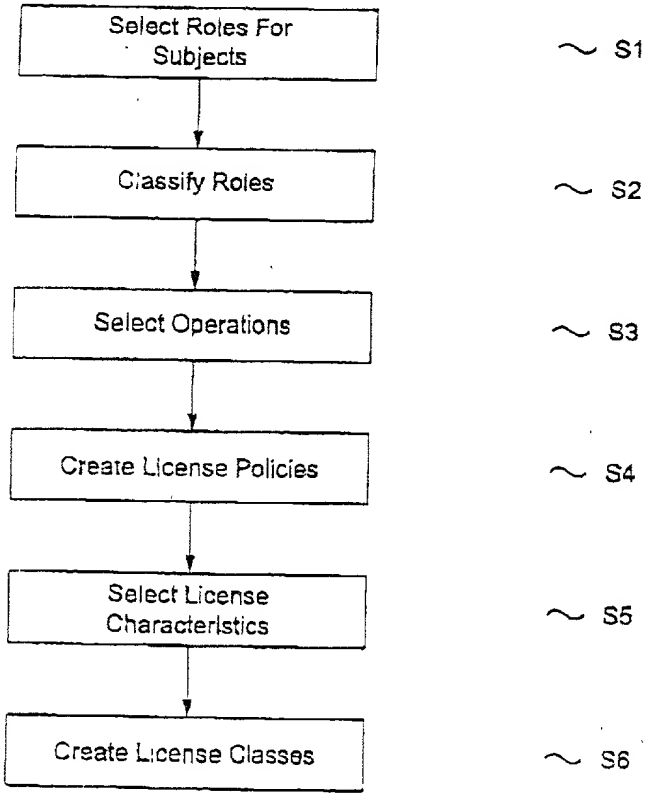

Figure 2e

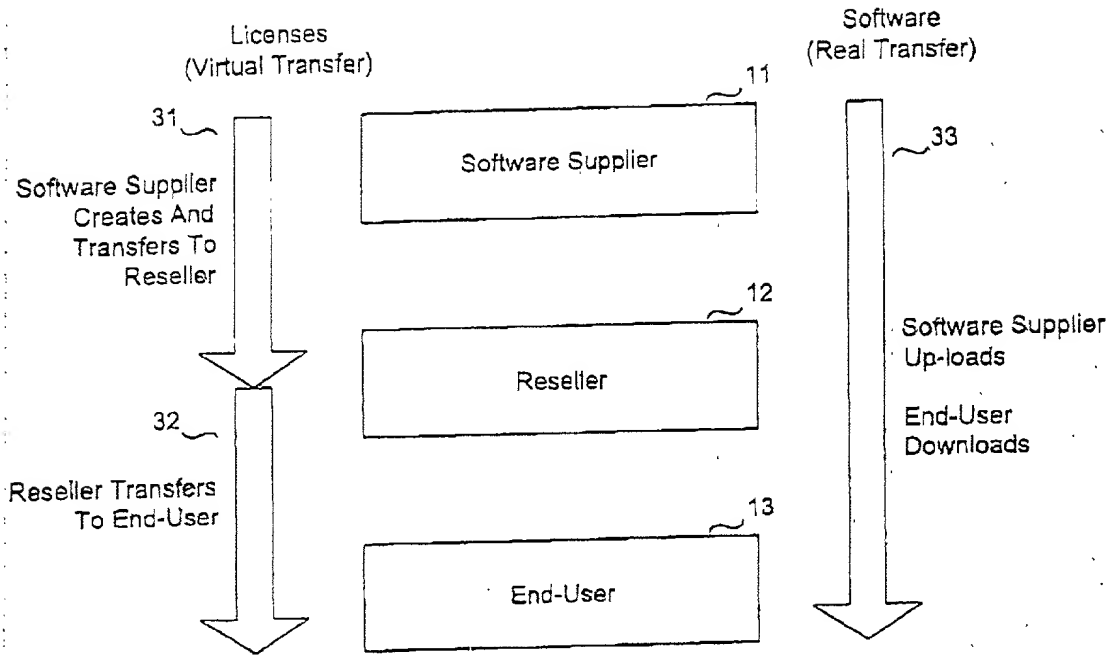

Figure 3

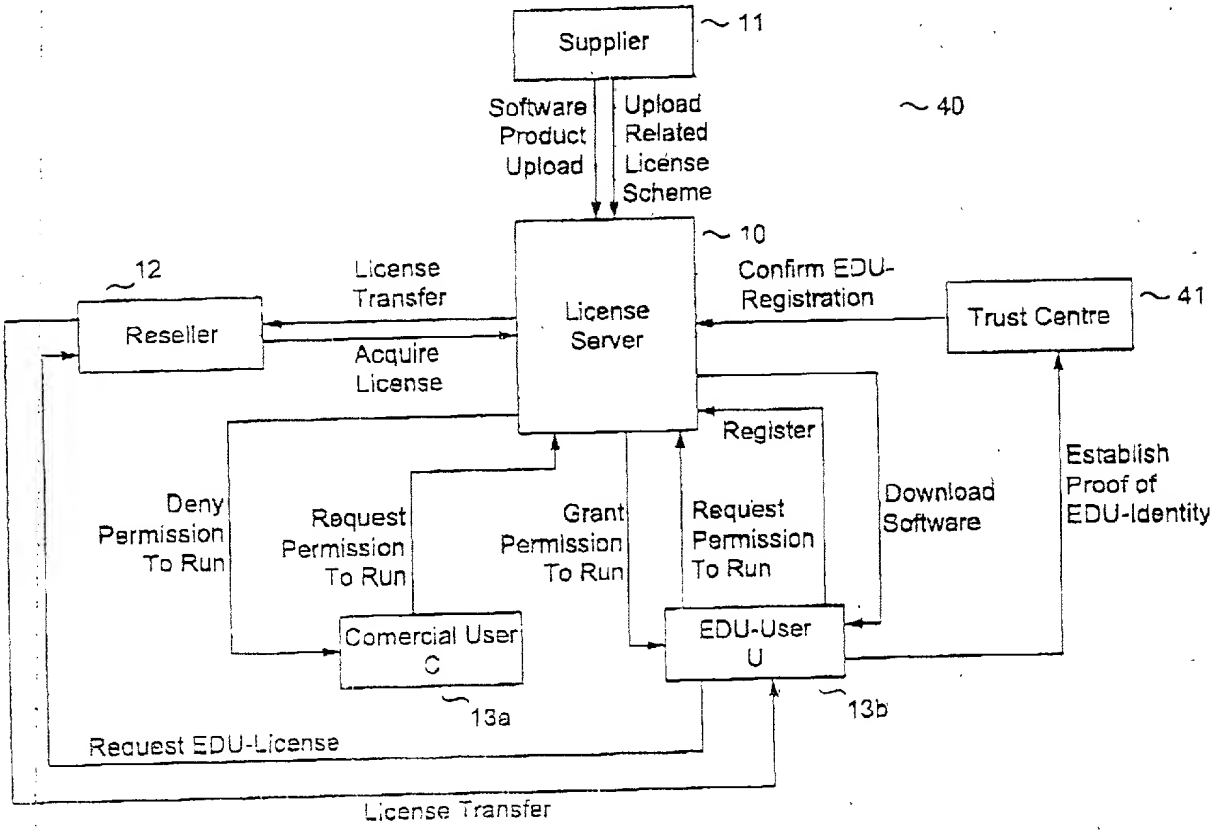

Figure 4

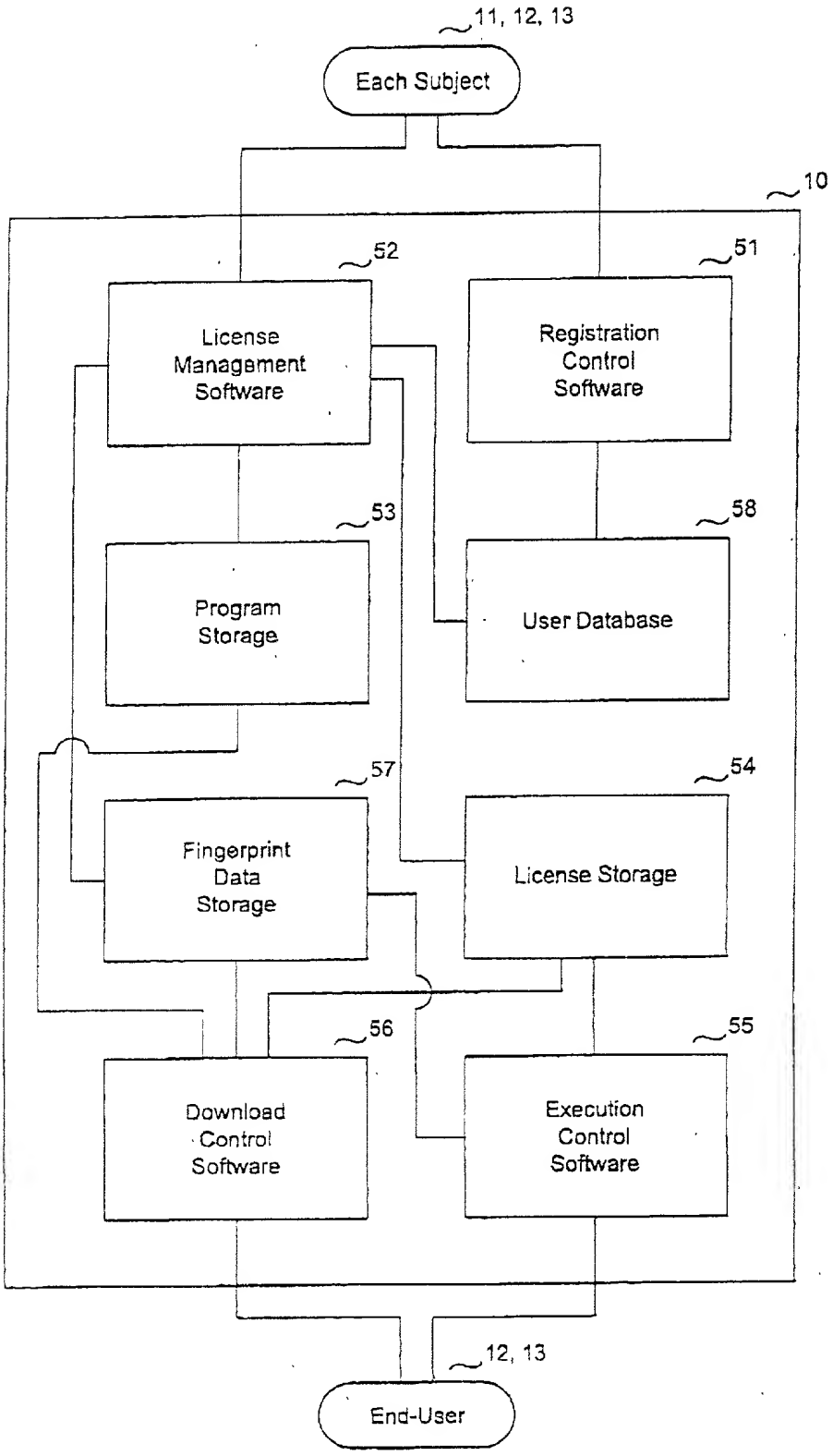
11, 12, 13
Each Subject
10
52
License Management Software
51
Registration Control Software
53
Program Storage
58
User Database
57
Fingerprint Data Storage
54
License Storage
56
Download Control Software
55
Execution Control Software
12, 13
End-User

Figure 5

SUBSTITUTE SHEET (RULE 26)

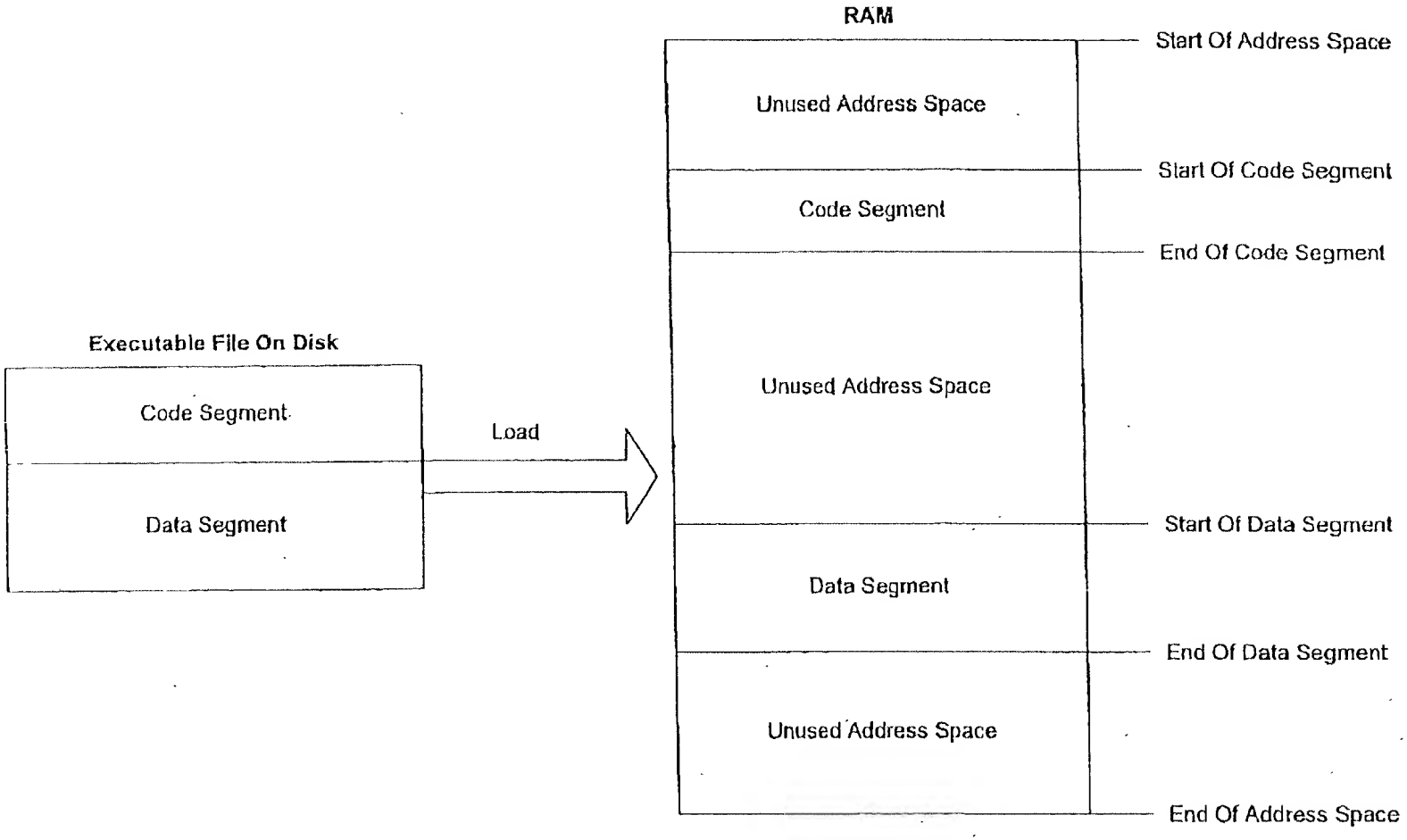

Figure 6

TOSHIBA-BSACRACO

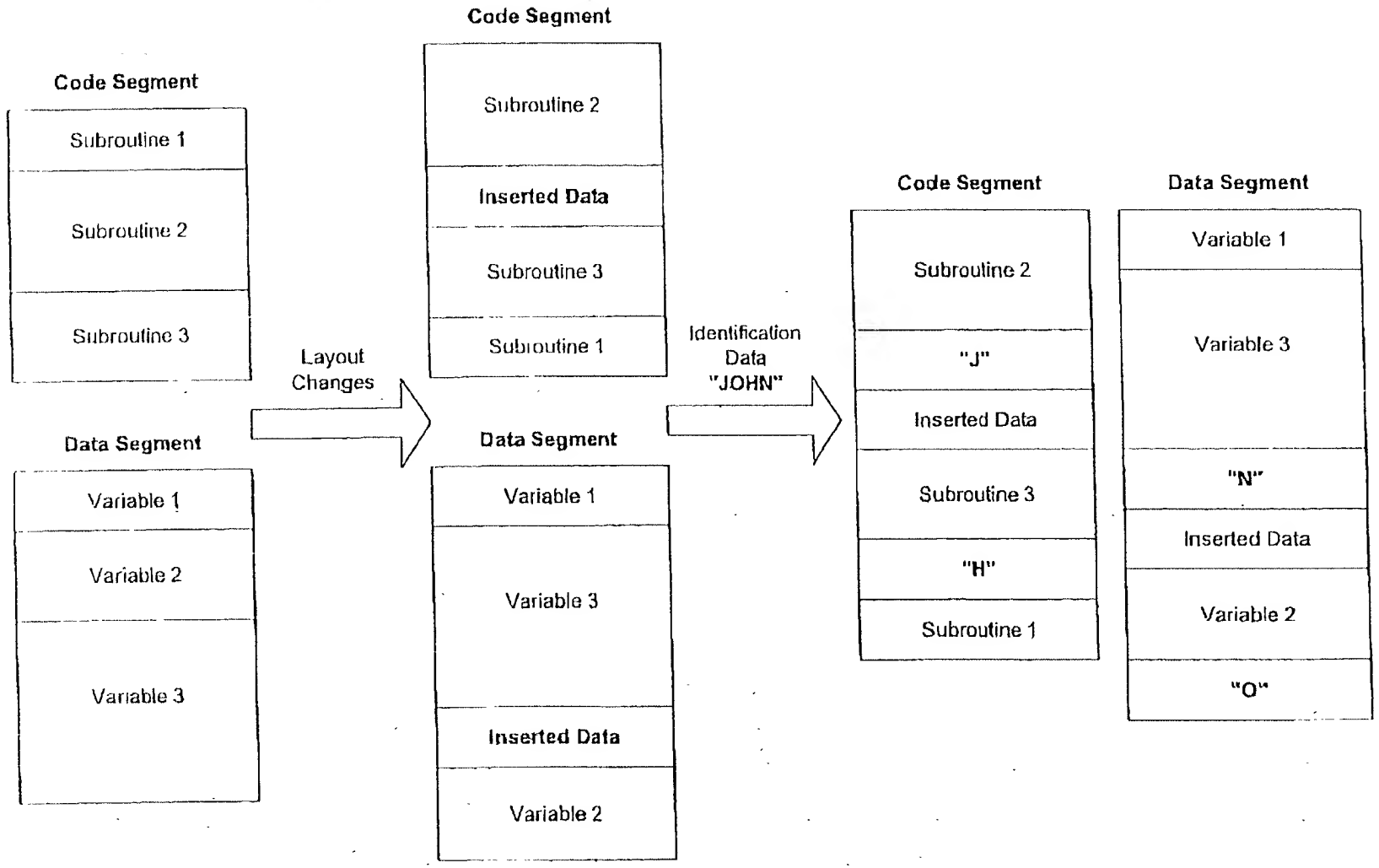

Figure 7

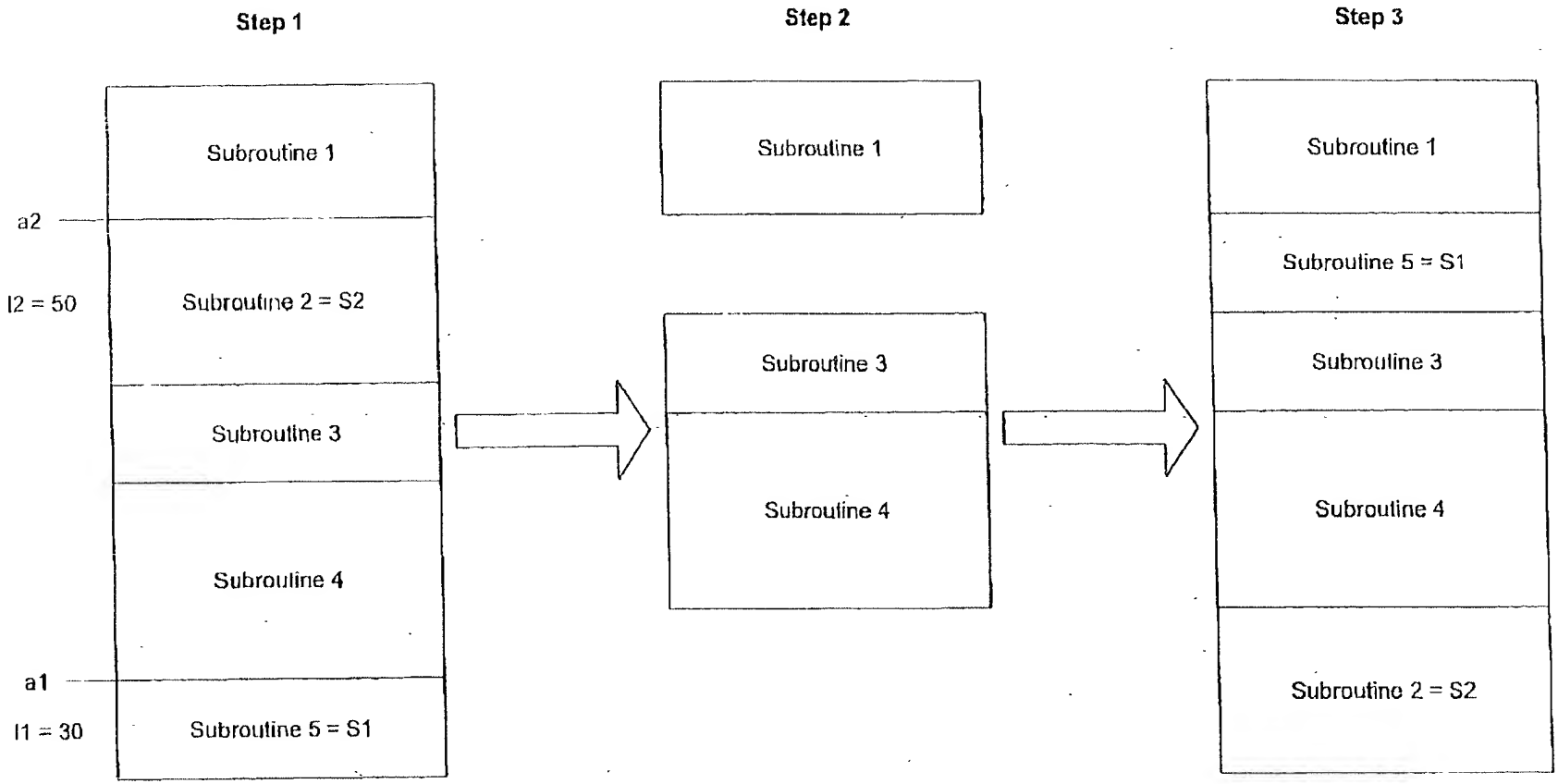
Step 1
Step 2
Step 3
Subroutine 1
a2
l2 = 50
Subroutine 2 = S2
Subroutine 3
Subroutine 4
a1
l1 = 30
Subroutine 5 = S1
Subroutine 1
Subroutine 3
Subroutine 4
Subroutine 1
Subroutine 5 = S1
Subroutine 3
Subroutine 4
Subroutine 2 = S2

Figure 8

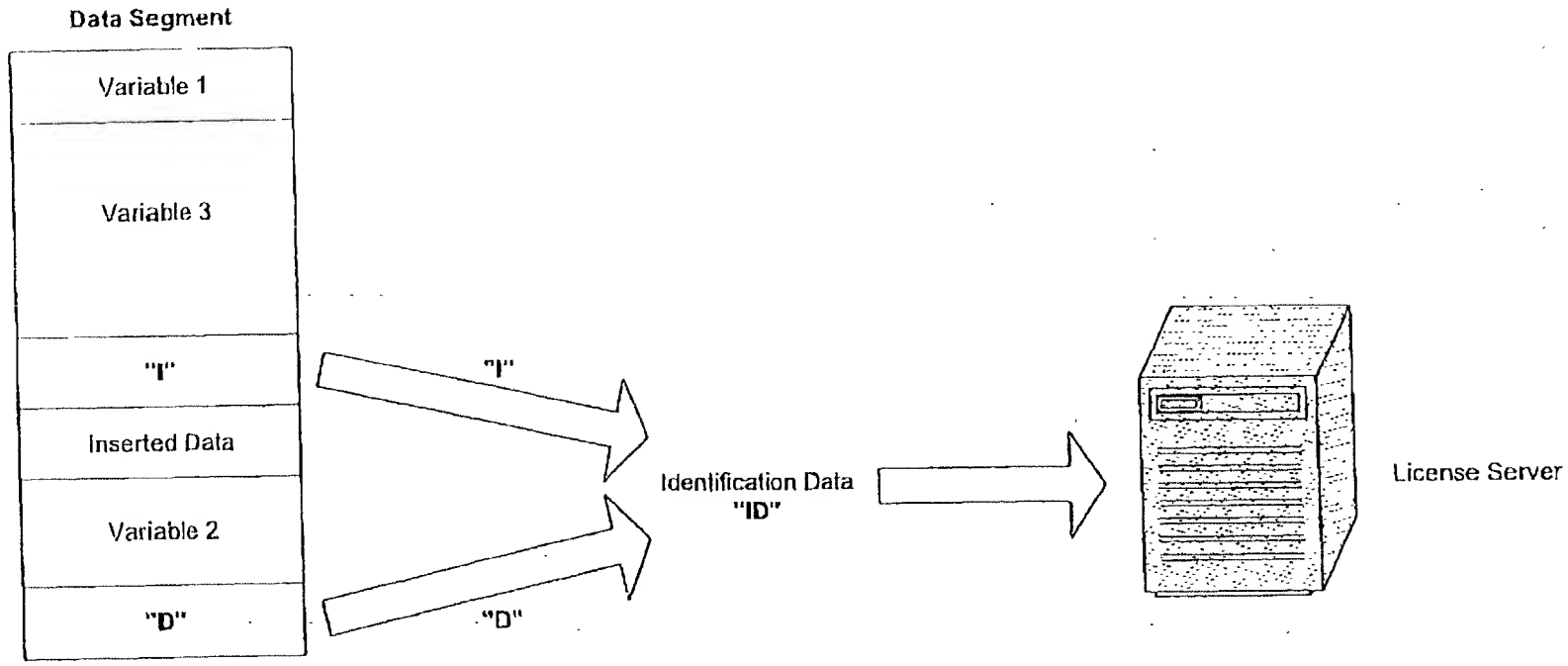
Data Segment
Variable 1
Variable 3
"I"
Inserted Data
Variable 2
"D"
"I"
"D"
Identification Data
"ID"
License Server

Figure 9

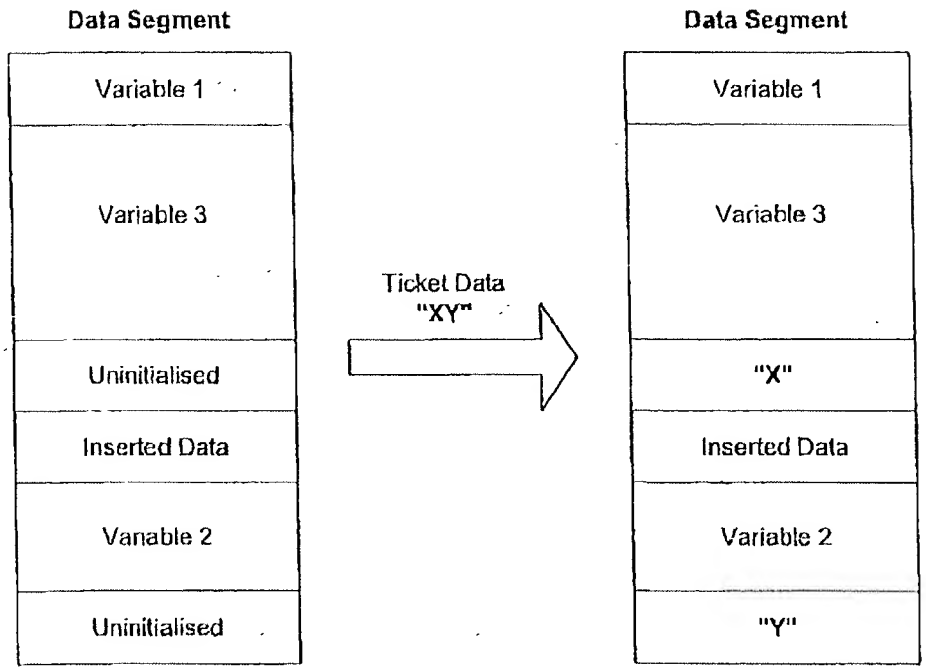
Data Segment
Variable 1
Variable 3
Uninitialised
Inserted Data
Vanable 2
Uninitialised
Ticket Data
"XY"
Data Segment
Variable 1
Variable 3
"X"
Inserted Data
Variable 2
"Y"

Figure 10

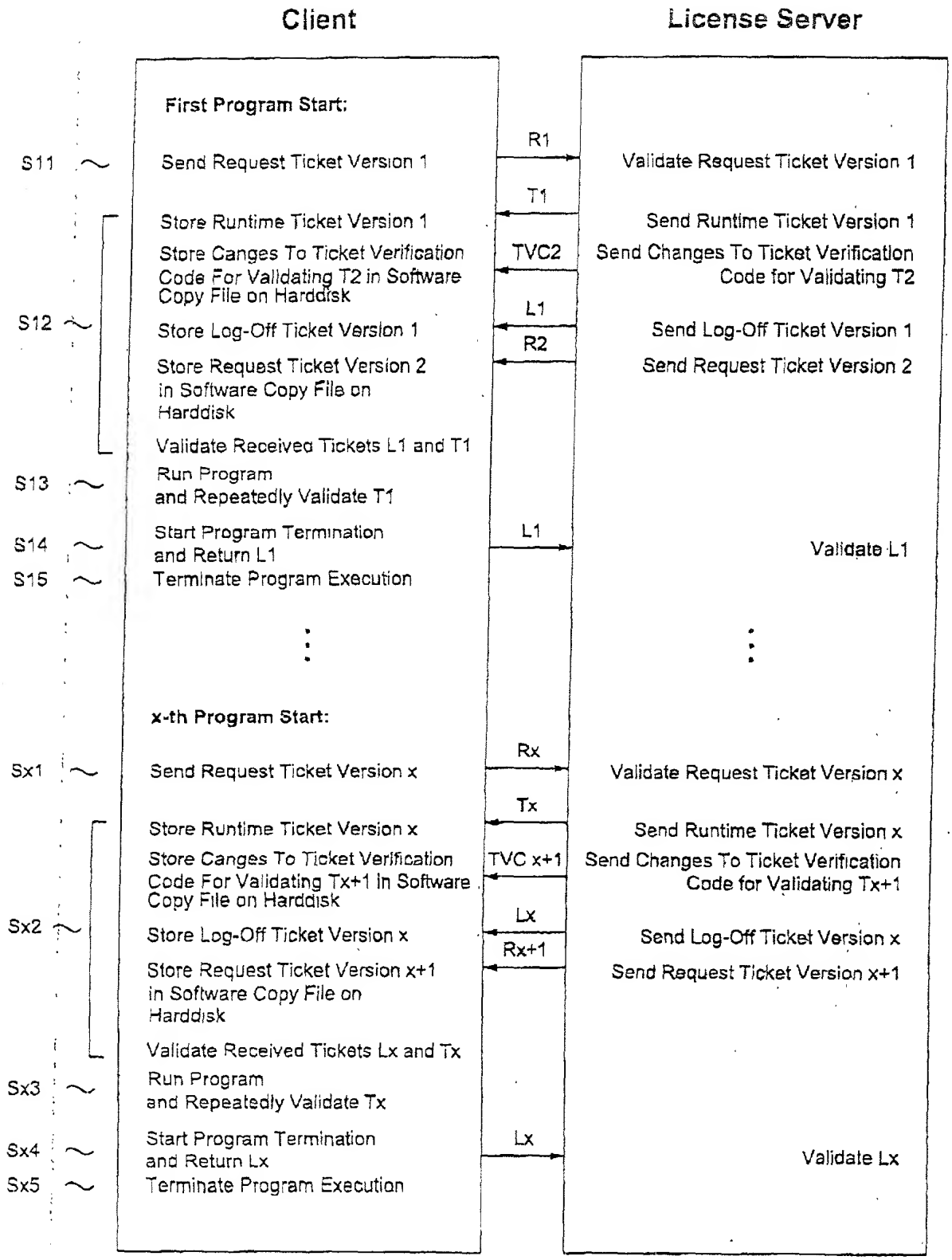
Client
License Server
First Program Start:
S11
Send Request Ticket Version 1
R1
Validate Request Ticket Version 1
T1
Store Runtime Ticket Version 1
Send Runtime Ticket Version 1
Store Canges To Ticket Verification Code For Validating T2 in Software Copy File on Harddisk
TVC2
Send Changes To Ticket Verification Code for Validating T2
L1
S12
Store Log-Off Ticket Version 1
Send Log-Off Ticket Version 1
R2
Store Request Ticket Version 2 in Software Copy File on Harddisk
Send Request Ticket Version 2
Validate Received Tickets L1 and T1
S13
Run Program and Repeatedly Validate T1
S14
Start Program Termination and Return L1
L1
Validate L1
S15
Terminate Program Execution
x-th Program Start:
Sx1
Send Request Ticket Version x
Rx
Validate Request Ticket Version x
Tx
Store Runtime Ticket Version x
Send Runtime Ticket Version x
Store Canges To Ticket Verification Code For Validating Tx+1 in Software Copy File on Harddisk
TVC x+1
Send Changes To Ticket Verification Code for Validating Tx+1
Lx
Sx2
Store Log-Off Ticket Version x
Send Log-Off Ticket Version x
Rx+1
Store Request Ticket Version x+1 in Software Copy File on Harddisk
Send Request Ticket Version x+1
Validate Received Tickets Lx and Tx
Sx3
Run Program and Repeatedly Validate Tx
Sx4
Start Program Termination and Return Lx
Lx
Validate Lx
Sx5
Terminate Program Execution

Figure 11